

APR 12 2004

Sheet 1 of 3

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
7175-74184

SERIAL NO.
10/757,868

APPLICANT
Richard H. Heimbrock

FILING DATE
January 15, 2004

GROUP
Unknown

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
R.S.	AA	435,058	Aug. 1890	Freund	4	455	
	AB	611,377	Jun. 1898	Davis	297	200	
	AC	2,671,226	Mar. 1954	Lychenheim	4	239	
	AD	2,689,812	Sep. 1954	Mollica et al.	156	281	
	AE	2,718,014	Sep. 1955	Mizrach et al.	4	506	
	AF	2,918,681	Dec. 1959	Davis	5	81.1C	
	AG	3,125,377	Mar. 1964	Bridges	297	462	
	AH	3,416,626	Dec. 1968	Nagamatsu	180	124	
	AI	3,667,073	Jun. 1972	Renfoe	5	81.1R	
	AJ	3,769,642	Nov. 1973	Warman	5	81.1T	
R.S.	AK	4,051,565	Oct. 1977	Berge	5	81.1R	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
R.S.	AL	GB 2159047	Nov. 1985	United Kingdom			
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	
	AT	
	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	

Examiner

Robert L. Santos

Date Considered

May 13, 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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R.S.	BA	4,272,856	Jun. 1981	Wegener et al.	5	81.1T	
	BB	4,417,639	Nov. 1983	Wegener	180	125	
	BC	4,517,690	May 1985	Wegener	5	81.1R	
	BD	4,528,704	Jul. 1985	Wegener et al.	5	81.1R	
	BE	4,528,705	Jul. 1985	Greenawalt	5	644	
	BF	4,547,919	Oct. 1985	Wang	428	116	
	BG	4,686,719	Aug. 1987	Johnson et al.	5	81.1R	
	BH	4,944,053	Jul. 1990	Smith	5	81.1T	
	BI	5,003,653	Apr. 1991	Mar	5	654	
	BJ	5,067,189	Nov. 1991	Weeding et al.	5	81.1R	
R.S.	BK	5,271,110	Dec. 1993	Newman	5	81.1R	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
BL						
BM						
BN						
BO						
BP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

BR	
BS	
BT	
BU	
BV	
BW	
BX	
BY	
BZ	

Examiner

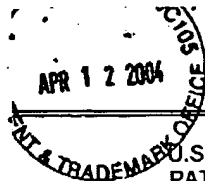
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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	CA	5,287,577	Feb. 1994	Ackroyd	5	644	
	CB	5,303,977	Apr. 1994	Sereboff	297	230.1	
	CC	RE35,468	Mar. 1997	Newman	5	81.1R	
	CD	5,860,174	Jan. 1999	Failor	5	81.1H	
	CE	5,996,133	Dec. 1999	Fletcher	4	239	
	CF	6,073,291	Jun. 2000	Davis	5	711	
	CG	6,089,668	Jul. 2000	Peterson	297	452.41	
	CH	6,467,291	Oct. 2002	Takano et al.	62	228.3	
	CI	2003/0070226	Apr. 2003	Heimbrock	5	81.1R	
RS	CJ	2003/0159212	Aug. 2003	Patrick et al.	5	81.1R	
	CK						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
CL						
CM						
CN						
CO						
CP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	
CS	
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CU	
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